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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/594,273	07/24/2007	Tetsuzo Miki	296975US0X PCT	3412
22850 OBLON SPIV	7590 03/16/201 'AK, MCCLELLAND	EXAM	EXAMINER	
1940 DUKE STREET			CROUSE, BRETT ALAN	
ALEXANDRIA, VA 22314			ART UNIT	PAPER NUMBER
			1786	
			NOTIFICATION DATE	DELIVERY MODE
			03/16/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Advisory Action Before the Filing of an Appeal Brief

Application No.	Applicant(s)	
10/594,273	MIKI ET AL.	
Examiner	Art Unit	
BRETT A. CROUSE	1786	

	BRETT A. CROUSE	1786						
The MAILING DATE of this communication app	ears on the cover sheet with the	correspondence add	ress					
THE REPLY FILED 24 February 2011 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.								
application, applicant must timely file one of the following application in condition for allowance; (2) a Notice of App	The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of t application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RGE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time							
The period for reply expires 3 months from the mailing date	of the final rejection.							
The period for reply expires on: (1) the mailing date of this A no event, however, will the statutory period for reply expire Examiner Note: If box 1 is checked, check either box (a) or	ater than SIX MONTHS from the mailing	date of the final rejection	on.					
MONTHS OF THE FINAL REJECTION. See MPEP 706.07								
Extensions of time may be obtained under 37 CFR 1.136(a). The data have been filed is the date for purposes of determining the period of evunder 37 CFR 1.17(a) is calculated from: (1) the expiration date of the set forth in (b) above, if checked. Any reply received by the Office late may reduce any earned patient term adjustment. See 37 CFR 1.704(b) NOTICE OF APPEAL.	tension and the corresponding amount shortened statutory period for reply origi than three months after the mailing dat	of the fee. The appropria nally set in the final Office	ate extension fee e action; or (2) as					
The Notice of Appeal was filed on A brief in compared to the state of Appeal was filed on	liance with 27 CER 41 27 must be	illad within two months	e of the date of					
filing the Notice of Appeal (37 CFR 41.37(a)), or any exte Notice of Appeal has been filed, any reply must be filed w	nsion thereof (37 CFR 41.37(e)), to	avoid dismissal of the	appeal. Since					
<u>AMENDMENTS</u>								
3. The proposed amendment(s) filed after a final rejection, but prior to the date of filling a brief, will not be entered because (a) They raise new issues that would require further consideration and/or search (see NOTE below); (b) They raise the issue of new matter (see NOTE below);								
(c) They are not deemed to place the application in be appeal; and/or	tter form for appeal by materially rec	ducing or simplifying ti	ne issues for					
(d) They present additional claims without canceling a NOTE: (See 37 CFR 1.116 and 41.33(a)).	They present additional claims without canceling a corresponding number of finally rejected claims.							
4. The amendments are not in compliance with 37 CFR 1.1		mpliant Amendment (PTOL-324).					
5. Applicant's reply has overcome the following rejection(s)								
 Newly proposed or amended claim(s) would be a non-allowable claim(s). 		•	-					
7. A For purposes of appeal, the proposed amendment(s): a) will not be entered, or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.								
The status of the claim(s) is (or will be) as follows: Claim(s) allowed:								
Claim(s) objected to:								
Claim(s) rejected: <u>1-27</u> . Claim(s) withdrawn from consideration:								
AFFIDAVIT OR OTHER EVIDENCE								
 The affidavit or other evidence filed after a final action, bu because applicant failed to provide a showing of good an was not earlier presented. See 37 CFR 1.116(e). 								
9. The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).								
10. The affidavit or other evidence is entered. An explanation REQUEST FOR RECONSIDERATION/OTHER	n of the status of the claims after er	ntry is below or attach	ed.					
The request for reconsideration has been considered by See Continuation Sheet.	it does NOT place the application in	condition for allowan	ce because:					
12. ☐ Note the attached Information <i>Disclosure Statement</i> (s). (PTO/SB/08) Paper No(s).								
13. Other:								
/D. Lawrence Tarazano/ Supervisory Patent Examiner, Art Unit 1786	/B. A. C./ Examiner, Art Unit 1786							

U.S. Patent and Trademark Office PTOL-303 (Rev. 08-06)

Continuation of 11, does NOT place the application in condition for allowance because:

Applicant argues with respect to the rejection over Giu and the rejection over Sato that the references do not provide a prima face case of obviousness because the references do not provide an exemplified example compound with the instant claims, applicant additionally argues that the subgenus claimed in the instant invention should not be rejected solely by the generic disclosure of the applied references which encompasses the compounds of the instant claims.

With regard to Giu opposite the instant claims. The scope of the instant claims requires the substituent to Ar to be selected from fluorine, choline, organo, nitro, alkyi, alkoxy, trifluoromethyl, plenyl, tolyi, napthyl and aralkyl. Qiu teaches for the substituents in column 6, lines 3-5, hydrogen, alkyl, alkoxy, aromatic, fluoroalkyl, halogen and cyanic groups. The degree of overlap between the substituent groups of Qiu and the groups of the instant claims is nearly identical. This is not a case of a genus rejecting a species as a group duy applicant. This is a case in which while Qiu does not exemplify compounds, Qiu clearly teaches a high degree of overlap of groups and uses the compounds in the manner as contemplated by applicant. It is applicant that provides functional groups beyond the exemplication groups of Qiu. Applicant claims aralkyl groups and nitro groups which are not recited by Qiu. Thus, in contrast to applicant's argument the scope of Qiu is not significantly toroader than the instant claims resulting in a need to pick and choose.

It is further noted that applicant only presents one compound, compound (3) of page 9 of the instant specification and current instant claims 16 and 27 within the scope of the instant claims. Applicant relies on the same level of generic disclosure having closely matching scope to that of the prior art.

Similarly, Sato recites a list of substituents having a high degree of overlap with the recited groups of the instant claims and uses the resulting compounds in the manner as contemplated by applicant.

Applicant argues with respect to the rejection over Lee that the reference does not provide a prima facie case of obviousness because the reference does not provide an exemplified example compound with the instant claims. Applicant additionally argues that the subgenus claimed in the instant invention should not be rejected solely by the generic disclosure of the applied reference which encompasses the compounds of the instant claims. Applicant points to paragraph [0033] and formula (7) of Lee as teaching away from the claimed invention of the instant application.

The description of paragraph [0033] is a preferred embodiment of Lee in which R11 and R12 combine to form further fused rings. The teachings of Lee encompass a broader scope of compounds than that which is reclated in paragraph [0034]. Attention is directed to paragraph [0011] which teaches each of R11 and R12 can be groups including alkyl, alkowy, antl. cyann, into and halogen. Paragraph [0011] teaches that R11 and R12 can optionally combine to form further substituted or unsubstituted rings. Attention is also directed to paragraph [0026] which teaches the substitutents to the further rings formed by the combination of R11 and R12. The substitutents to rings include various any ring and tercenty croups. Phenyl and nabthly groups are exemplified as substitutents.

Applicant additionally argues unexpected results opposite the properties of instant compounds (2) and (3) as recited in the instant specification. Instant compound (2) is also an exemplified compound of Qiu and Sato.

Compound (2) and (3) CDPF and CDMPF possess similar properties. The ionization potential differs between the compounds by 0.04 eV and accounting for the band gap the electron affinity differs by only 0.01 eV. The prior art teaches CDPF explicitly and suggests lakely substituents to the compound skeleton. Sato in paragraph [0048] and Qu in the exemplified compounds beginning in column 6 provide methyl substituents to the privally linking groups of the carbacole derivatives. Both the exemplified CDPF compound of the prior art and CDMPF compound of the instant specification have been shown to be suitable for use in the electroluminescent arts. The properties of the materials as they relate to device performance are related to the environment in which they are used in conjuction with the other materials of an electroluminescent device. As such there is no showing as to the combination of materials used in conjuction with CDMPF that would provide unexpected device performance.